Application No.: 10/667,141

Office Action Dated: Supplemental Response to Office Action of December 8, 2010

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1, -66, (Canceled)

67. (Currently Amended) An isolated, infectious, self-replicating, recombinant human parainfluenza virus type 2 (HPIV2) comprising a PIV major nucleocapsid (N) protein, a PIV nucleocapsid phosphoprotein (P), a PIV large polymerase protein (L), and a partial or complete, polyhexameric recombinant HPIV2 genome or antigenome having encoding one or more attenuating mutation(s) selected from amino acid substitution(s) or deletion(s) in at residues 948 and/or 1566 of the HPIV2 L polymerase at the amino acid corresponding to residue 11 of SEO ID NO, 4 and/or residue 11 of SEO ID NO, 10.

68. - 72. (Canceled)

- (Currently Amended) The recombinant HPIV2 of claim 67, wherein the recombinant HPIV2 genome or antigenome incorporates one or more <u>additional</u> recombinantly-introduced attenuating mutations.
- 74. (Currently Amended) The recombinant HPIV2 of claim 67, wherein the recombinant HPIV2 genome or antigenome incorporates one or more <u>additional</u> recombinantly-introduced attenuating mutations at one or more amino acid position(s) corresponding to an amino acid position of an attenuating mutation identified in a heterologous, mutant nonsegmented negative stranded RNA virus.
- (Original) The recombinant HPIV2 of claim 74, wherein the polynucleotide molecule encoding the recombinant HPIV2 genome or antigenome incorporates one or more mutation(s) of HPIV3 JS cp45.

76 - 254. (Canceled)

DOCKET NO.: NIHB-2203 Application No.: 10/667,141

Office Action Dated: Supplemental Response to Office Action of December 8, 2010

255. (Currently Amended) An isolated polynucleotide comprising a partial or complete, polyhexameric recombinant human parainfluenza virus type 2 (HPIV2) genome or antigenome modified by one or more attenuating mutations that are recombinantly introduced into said HPIV2 genome or antigenome at any nucleotide used to encode residues 948 and/or 1566 of the amino acid corresponding to residue 11 of SEQ ID NO. 4 and/or residue 11 of SEQ ID NO. 10 in the HPIV2 L polymerase.

256. - 277. (Canceled)

278. (Currently Amended) An expression vector comprising an operably linked transcriptional promoter, a polynucleotide sequence comprising a partial or complete, polyhexameric recombinant human parainfluenza virus type 2 (HPIV2) genome or antigenome modified by one or more attenuating mutations that are recombinantly introduced into said HPIV2 genome or antigenome at any nucleotide used to encode residues 948 and/or 1566 of the amino acid corresponding to residue 11 of SEQ ID NO. 4 and/or residue 11 of SEQ ID NO. 10 in the HPIV2 L polymerase, and a transcriptional terminator.

279. - 294. (Canceled)